

### **Abstract**

The invention relates to a method for converting heat energy to mechanical energy by expanding an evaporated working fluid with an expansion device (2) connected to an evaporator (6).

- 5 It is provided according to the present invention that the expansion is carried out in a low-pressure expansion device and the energy contained in the expanded evaporated working fluid can be recycled into the evaporator (6) and utilized for evaporating additional working fluid.

Fig. 1